Recombinant Human KCNJ3 protein, His-tagged

Cat. No. KCNJ3-51H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ3 protein(147-501aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	147-501aa
Form	The protein was expressed as 6xHis-tagged fusion protein by E.Coli and purified by Ni-sepharose. The purified protein was resolved in PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4) added with 15% glycerol. The elution buffer contain 300mM imidazole.
AA Sequence	GYRYITDKCPEGIILFLFQSILGSIVDAFLIGCMFIKMSQPKKRAETLMFSEHAVISMRD GKLTLMFRVGNLRNSHMVSAQIRCKLLKSRQTPEGEFLPLDQLELDVGFSTGADQL FLVSPLTIRHVIDAKSPFYDLSQRSMQTKQFEIVVILEGIVETTGMTCQARTSYTEDEV LWGHRFFPVISLEEGFFKVDYSQFHATFEVPTPPYSVKEQEEMLLMSSPLIAPAITNS KERHNSVECLDGLDDITTKLPSKLQKITGREDFPKKLLRMSSTTSEKAYSLGDLPMKL QRISSVPGNSEEKLVSKTTKMLSDPMSQSVADLPPKLQKMAGGAARMEGNLPAKLR KMNSDRFT
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid freeze thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	KCNJ3 potassium inwardly-rectifying channel, subfamily J, member 3 [Homo sapiens]
Official Symbol	KCNJ3
Synonyms	KCNJ3; potassium inwardly-rectifying channel, subfamily J, member 3; G protein-activated inward rectifier potassium channel 1; GIRK1; KGA; Kir3.1; GIRK-1; inward rectifier K+ channel KIR3.1; inward rectifier K(+) channel Kir3.1; potassium channel, inwardly rectifying subfamily J member 3; KIR3.1
Gene ID	3760
mRNA Refseq	NM_002239
Protein Refseq	NP_002230
MIM	601534
UniProt ID	P48549

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA